Claim Amendments

Applicant has amended claims 21 and 27. Applicant sets forth below a complete listing of the claims with the corresponding status indicated for each claim.

1-20. (Cancelled)

21. (Currently Amended) A method for calibrating a virtual printer comprising a plurality of color marking engines, each color marking engine adapted to print multiple colorants, each of the color marking engines adapted to receive raster image data from a single raster image processor ~~and to generate a multi-color output image~~, the raster image data color balanced to a system color space, the method comprising:

printing a test pattern on one of the marking engines, the test pattern comprising a plurality of test patches, each test patch comprising corresponding expected colorimetric values;

reading the test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a lookup table that maps the measured colorimetric values to the expected colorimetric values.

22. (Previously Presented) The method of claim 21, wherein the test patches comprise cyan, magenta and yellow colorants.

23. (Previously Presented) The method of claim 21, wherein each test patch is associated with a corresponding toner density.

24. (Previously Presented) The method of claim 21, wherein the test pattern comprises 256 test patches per colorant.

25. (Previously Presented) The method of claim 21, wherein the colorimetric values comprise XYZ values.

26. (Previously Presented) The method of claim 21, further comprising:

printing a test pattern on each of the marking engines;

reading each test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a corresponding lookup table for each marking engine, each lookup table mapping the corresponding measured colorimetric values to the expected colorimetric values.

27. (Currently Amended) A method for creating a calibration lookup table for a virtual printer comprising a plurality of color marking engines, each color marking engine adapted to print multiple colorants, each of the color marking engines adapted to receive raster image data from a single raster image processor ~~and to generate a multi-color output image~~, the raster image data color balanced to a system color space, the method comprising:

printing a test pattern on one of the marking engines, the test pattern comprising a plurality of test patches, each test patch comprising corresponding expected colorimetric values;

reading the test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

mapping the measured colorimetric values to the expected colorimetric values.

28. (Previously Presented) The method of claim 27, wherein the test patches comprise cyan, magenta and yellow colorants.

29. (Previously Presented) The method of claim 27, wherein each test patch is associated with a corresponding toner density.

30. (Previously Presented) The method of claim 27, wherein the test pattern comprises 256 test patches per colorant.

31. (Previously Presented) The method of claim 27, wherein the colorimetric values comprise XYZ values.

32. (Previously Presented) The method of claim 27, further comprising:

printing a test pattern on each of the marking engines;

reading each test pattern with a colorimeter to determine measured colorimetric values associated with each of the test patches; and

creating a corresponding lookup table for each marking engine, each lookup table mapping the corresponding measured colorimetric values to the expected colorimetric values.